



|                  |   |                 |
|------------------|---|-----------------|
| Type             | A reducing valve provides lower pressure to a branch circuit.   |                 |
| Operation        | This valve is normally open. Flow is applied into port 2, when downstream pressure in port 1 rises to the valve setting, an internal pilot opens, a piston shifts and meters flow into port 1 maintaining pressure at the valve setting. Port 3 is pilot flow draining to tank. Back pressure at port 3 increases the valve setting directly. Not for reverse flow. |                 |
| Material         | All steel construction. Precision ground & hardened parts. Buna-n seals are standard, viton available as an option.   |                 |
| Factory set at   | Pressure gage at blocked Port 1   |                 |
| Maximum Pressure | 5,000 psi   | (350 bar)       |
| Nominal Flow     | 10 gpm  | (40 L/min)      |
| Pilot Flow       | 7–10 in <sup>3</sup> /min   | 0.11-0.16 L/min |
| Fluid            | General hydraulic fluid   |                 |
| Cavity           | T-11A   |                 |
| Install Torque   | 30-35 LB-FT   | (45 – 50 Nm)    |

### Options

GPRD11 — 30 — N — xxxx

Basic cartridge                      Adjustment Range                      Seals                      Factory Setting

30 – 100 - 3000 psi                      N - Buna-n                      xx-In psi

45 - 150 - 4500 psi                      V - Viton                      (ie 0200=200 psi)

(std. set 200 psi)

